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EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 55080479
PUBLICATION DATE : 17-06-80

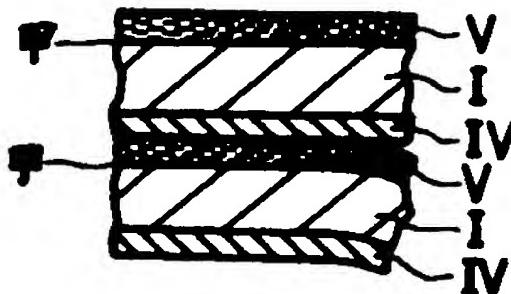
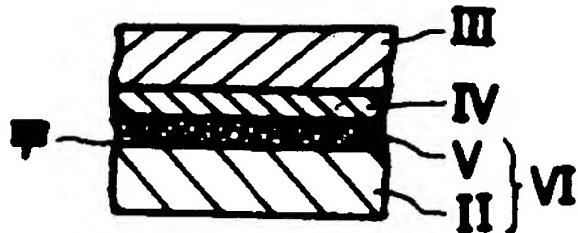
APPLICATION DATE : 12-12-78
APPLICATION NUMBER : 53152628

APPLICANT : SANYO KOKUSAKU PULP CO LTD;

INVENTOR : AKIMOTO SABURO;

INT.CL. : C09J 7/02

TITLE : MANUFACTURING OF
PRESSURE-SENSITIVE TYPE
ADHESIVE TAPE OR SHEET



ABSTRACT : PURPOSE: To manufacture a pressure sensitive adhesive tape or sheet which is excellent in adhesiveness to and releasability from base material by forming a pressure-sensitive adhesive layer composed primarily of a polyacrylate on the surface in contact with a releasable layer composed of a specific polyolefine elastomer and polyethylene.

CONSTITUTION: On the surface of the adhesive tape base (I) or the release sheet base (II), a mixture of a polyolefine elastomer, having a shear modulus (by JIS- 7213) of 2.0×10^8 dyne/cm² or less and an equilibrium contact angle of 55° or more under measuring conditions of a temperature of $20 \pm 1^\circ\text{C}$ and a relative humidity of $65 \pm 5\%$ for a standard liquid whose surface characteristic is a surface tension of 50dyne/cm (by JISK-6768) and a polyethylene, having an average molecular weight of 10,000 or more and a density of 0.91~0.97g/cm², is coated in a thickness of 1 micron or more to form the release layer (V), and then the pressure sensitive adhesive layer (IV) composed primarily of a polyacrylate is formed on the surface of the layer (V).

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